**Academic Staff Profile form**

Please complete this form as fully as possible, including links where applicable.

An example profile will be sent along with it but please feel free to get in touch with the Communications and Marketing Officer, Richard Isherwood-Lewis at [r.isherwood-lewis@ucl.ac.uk](mailto:r.isherwood-lewis@ucl.ac.uk) for further information.

Once completed, please return the form to the same email address.

*Please note: If you would like us to simply copy and paste the content from any given section directly from your current profile page, please indicate so in the box.*

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| **Section** | **To complete** | **Copy and Paste (tick)** |
| Name including title (e.g. Dr, Professor) | Dr Justin van Dijk |  |
| Role (e.g. Lecturer in Social and Cultural Geography or Professor in Climate Change) | Lecturer in Social and Geographic Data Science |  |
| Address *(specifying Bedford Way or North West Wing and room number)* | Room 1.18 North West Wing |  |
| UCL email address | j.t.vandijk@ucl.ac.uk |  |
| Phone number |  |  |
| Websites and social media accounts *(e.g. Twitter, Facebook, Instagram, YouTube, LinkedIn, blogs, Google Scholar or any other)* | github.com/jtvandijk  www.mappingdutchman.com  @justintycho (Twitter) |  |
| ASF Hours *(Please include details of your hours and links if appropriate)* | ASF Hours by appointment through Microsoft Booking: [[Link]](https://outlook.office365.com/owa/calendar/JustinvanDijkBookableOfficeHours@ucl.ac.uk/bookings/) |  |
| Short biography *(max. 100 words in first person – this can essentially be the first word of your Biography. The rest will go in the ‘More About’ section (see below))* | I am a Lecturer in Social and Geographic Data Science, currently based at UCL. I joined the university in 2018 as a postdoctoral research associate in the Geospatial Analytics and Computing Research Group, where I worked on cutting-edge research in spatial data science. My work focuses on urban analytics, with a particular emphasis on issues related to geo-demographics, urban transport, spatial inequalities, and spatial justice. |  |
| More about… *(This section can be used to explain your academic background, current work and anything else that would typically fit in your biography section. Please complete it in first person)* | As an applied quantitative geographer, I am deeply committed to working with Geographic Information Systems (GIS) and computational methods to explore the complex relationships between social and spatial inequalities. I received my BS.c. and M.Sc. degrees in Human Geography and Planning from Utrecht University, where I specialised in the computational and quantitative aspects of the discipline. After completing my Ph.D. at Stellenbosch University in South Africa, I joined University College London (UCL) as a postdoctoral researcher.  At UCL, I am centrally involved in the Departmental Geospatial Analytics and Computing group, where I focus on developing geo-spatial algorithms and methods with Big Data applications in present-day and historic social and spatial inequalities. I am particularly interested in developing big data applications in contexts where data is scarce, and I am constantly exploring innovative ways to address this challenge. Overall, my research aims to deepen our understanding of the complex relationships between urban environments, social structures, and human behaviour, with the ultimate goal of promoting more sustainable and equitable cities.  Prior to joining UCL, I conducted research at Stellenbosch University, where I focused on the systematic analysis of GPS data within a GIS-environment to examine spatiotemporal behaviour. My work built links between computer science and geography and was grounded in geographical theories, emphasising the importance of understanding the complex social and spatial contexts that shape individual human behaviour. |  |
| Research Interests *(in first person)* | My research interests lie primarily in the field of urban analytics, with a focus on topics such as geo-demographics, urban transport, spatial inequalities, and spatial justice. I am passionate about leveraging the power of big data applications to address challenges in scarce data environments. I employ a wide range of methods and approaches, including high-level programming languages such as bash, Python programming, R scripting, and PostgresSQL with PostGIS.  Currently, I am involved in two projects. The first project involves repurposing consumer and administrative data to develop robust annual estimates of demographic variables and residential mobility in the United Kingdom. The second project explores the relationship between generational and inter-generational movements of family groups across Great Britain on inequalities of outcome. |  |
| Research Grants, Prizes, and Awards *(Can be a bullet point list)* | - The British Academy Talent Development Award Scheme 2021 £ 9,919.47 / 1 year (PI, co-I: S. Law, A. Musah) Ref: TDA21\210069 |  |
| Impact *(in first person)* |  |  |
| Teaching *(list of courses and modules you teach on – including if you are the course convenor)* | - GEOG0163 Data, Politics and Society (convenor)  - GEOG0114 Principles of Spatial Analysis  - GEOG0030 Geocomputation (convenor) - GEOG0014 Geography in the Field II  - B.Sc. dissertation supervision  - M.Sc. dissertation supervision |  |
| Research Students | Mr Shunya Kimura  Ms Mikaella Mavrogeni |  |

*NB. If you would like to include any videos in your profile, please include the YouTube address and indicate where you would like it to be added in the text.*

**Image**

Please also include a photo of yourself that you would like to be used as your staff profile image.

This needs to be:

* 300 pixels by 350 pixels
  + Or portrait with enough room to crop it to size
* In as high quality as you can get
* Just of yourself

Please note: If you would prefer, the Department can take your photo for you. Please contact [Richard Isherwood-Lewis](mailto:r.isherwood-lewis@ucl.ac.uk) to arrange this.

You can also use the image in your [current profile](https://www.geog.ucl.ac.uk/people/academic-staff). Please let Richard know if you would like to select this option.

**Publications**

Your publications will be pulled directly from your IRIS profiles. Please see the example profile provided.